

## **REMARKS**

These remarks and the accompanying amendments are responsive to the Office Action mailed April 23, 2004. Reconsideration and allowance for the above-identified application are now respectfully requested in light of these remarks and the accompanying amendments. Upon entry of these amendments, Claims 1, 8 and 15-25 will be pending, of which only Claims 1, 8 and 25 are independent claims.

Claims 1 and 8 are amended herein, and Claims 15-25 are new. The amendments of Claims 1 and 8, and the addition of new Claims 15-18, 20-23 and 25 are supported by the applicants' specification, for example, in the passage spanning from page 8 line 20 to page 11, line 2, and in Figures 4 and 5. The addition of new Claims 19 and 24 are supported by the applicants' specification, for example, in the passage spanning from page 12, line 24 to page 13, line 16, and in Figure 6.

### **Summary of Independent Claims**

As recited in Claims 1, 8, a base station "manag[es] registration of mobile stations that use the base station as [a] private network", "receiv[es] a signal from a mobile station or [a] carrier network", and "transmits the signal to the mobile station or the carrier network" based on the registration of mobile stations.

### **Summary of Cited Art**

#### **Takahashi**

In contrast, United States patent number 6,070,081 issued to Takahashi et al. (hereinafter also referred to simply as "Takahashi") discloses a mobile communication system in which in an area where any public base station is not built, a portable (mobile) radio telephone equipment which is not registered in the system can make connection to a public network by using a radio

base station of the system. Portable radio telephone equipment which is registered in the system can make connection within the system.

However, Takahashi does not disclose that the radio base station manages registration of portable radio telephone equipments that use the radio base station as a private network (for making connection within the system). Further, Takahashi does not disclose that the radio base station transmits a signal to portable radio telephone equipment or the public network based on registration of mobile stations.

### **Gordon**

In citing United States patent number 4,993,014 issued to Gordon (hereinafter also referred to simply as "Gordon"), the Office Action asserts that Gordon discloses a method for providing telecommunication services to private customer networks, wherein the method comprises algorithms for allowing priority when overloading conditions develop, said overload conditions depending on a predetermined setting information (column 5, line 65 to column 6, line 1 and column 6, lines 53-57 and 61-64).

However, Gordon does not disclose that a base station manages registration of mobile stations that use the base station as a private network. Further, Gordon does not disclose that the base station transmits a signal to a mobile station or a carrier network based on registration of mobile stations.

### **Acampora**

In citing United States patent number 6,314,163 issued to Acampora (hereinafter also referred to as simply "Acampora"), the Office Action asserts that Acampora discloses a base station that is owned by a public or network or service provider, and further leasing said base station on a residential property (column 15, lines 18-28).

However, Acampora does not disclose that the base station manages registration of mobile stations that use the base station as a private network. Further, Acampora does not disclose that the base station transmits a signal to a mobile station or a carrier network based on registration of mobile stations.

Accordingly, Takahashi, Gordon, and Acampora (even if combined) do not disclose features of the present invention of independent Claims 1, 8 and 25. Specifically, these cited references do not disclose that a base station manages registration of mobile stations that use the base station as a private network, and that the base station transmits a signal to a mobile station or a carrier network based on the registration of mobile stations.

Therefore, Claims 1, 8 and 25 are novel and non-obvious over Takahashi, Gordon, and Acampora, either single or in combination. Therefore, withdrawal of the 35 U.S.C. 102(e) rejection of Claims 1 and 8, and allowance of Claims 1, 8 and 25 is respectfully requested. The 35 U.S.C. 103(a) rejections are rendered moot by the cancellation herein of those claims that were subjected to these rejections.

Claims 15-24 depend from one of Claims 1 and 8, and thus are patentable over these cited references for at least the same reasons as provided for their respective independent claim. Accordingly, favorable action is respectfully requested. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this 22<sup>nd</sup> day of July, 2004.

Respectfully submitted,



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